

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US2004/015595A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C07K14/605 C12N15/62 A61P3/10 A61K38/26

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C07K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data, MEDLINE, BIOSIS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 02/46227 A (GLAESNER WOLFGANG ; LILLY CO ELI (US); MICANOVIC RADMILLA (US); TSCHAN) 13 June 2002 (2002-06-13) page 83; example 6; sequence 24 -----	
A	WO 96/04388 A (BROWNE MICHAEL JOSEPH ; CHAPMAN CONRAD GERALD (GB); CLINKENBEARD HELEN) 15 February 1996 (1996-02-15) sequence 9 -----	

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the International filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the International filing date but later than the priority date claimed

- *T* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the International search

17 November 2004

Date of mailing of the International search report

06/12/2004

Name and mailing address of the ISA

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Box No. I Nucleotide and/or amino acid sequence(s) (Continuation of item 1.b of the first sheet)

1. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, the international search was carried out on the basis of:
 - a. type of material
 - a sequence listing
 - table(s) related to the sequence listing
 - b. format of material
 - in written format
 - in computer readable form
 - c. time of filing/furnishing
 - contained in the International application as filed
 - filed together with the international application in computer readable form
 - furnished subsequently to this Authority for the purpose of search
2. In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
3. Additional comments:

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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
Although claims 16–20, 23 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple Inventions in this International application, as follows:

1. As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

The additional search fees were accompanied by the applicant's protest.
 No protest accompanied the payment of additional search fees.

Information on patent family members

International Application No
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Patent document cited in search report	Publication date	Patent family member(s)		Publication date
WO 0246227	A 13-06-2002	AU 2689702	A	18-06-2002
		CA 2434237	A1	13-06-2002
		CN 1483041	T	17-03-2004
		EP 1355942	A2	29-10-2003
		HR 20030455	A2	31-08-2004
		HU 0302529	A2	28-10-2003
		JP 2004528014	T	16-09-2004
		NO 20032565	A	01-08-2003
		SK 6702003	A3	03-08-2004
		WO 0246227	A2	13-06-2002
WO 9604388	A 15-02-1996	AU 2140699	A	03-06-1999
		AU 3382595	A	04-03-1996
		BR 9508469	A	16-09-1997
		CA 2196200	A1	15-02-1996
		CN 1164872	A , B	12-11-1997
		CZ 9700256	A3	17-09-1997
		WO 9604388	A1	15-02-1996
		EP 0770135	A1	02-05-1997
		HU 76369	A2	28-08-1997
		JP 10503371	T	31-03-1998
		NO 970374	A	19-02-1997
		NZ 292124	A	28-10-1998
		PL 318380	A1	09-06-1997
		US 2003064481	A1	03-04-2003
		US 5783181	A	21-07-1998
		ZA 9506253	A	08-01-1997